SPECIFIC STATION REQUIREMENTS FOR EL 079

This regulation establishes the procedures for station unique operations and analysis.

Distribution limited to DoD and DoD contractors only; to protect information and technical data which advance the state-of-the-art or describe new technology in an area of significant or potentially significant military application, 1 July 1987. Other requests shall be referred to HO/DOSB.

- 1. Operating Concept. Normally, all operations and maintenance requirements are accomplished during the attended hours as determined by contractor management. All days are considered duty days. A complete equipment check is required at the beginning and end of the attended period.
- Station Designator. The station designator for Equipment Location 079 is JOEY.
- Timing Standard is WWV.
- 4. Routine Calibrations. Commence SP calibrations immediately after 1330Z followed by the LP CALs. Perform the LPS frequency responses at the rate of one site per day.
- 5. Edit tape registration numbers are 5000 through 5099.
- Outage authorized in Volume I, is granted for Monday of each week from 1500Z through 1800Z.
- 7. Analysis Requirements:
- a. The station is exempt from routine analysis and data reporting with the following exceptions:
- (1) Transmit data reports covering periods requested by the GSOC. Include in this report all events extending into, or continuing out of, the requested period.
- (2) If data request covers more than one ZULU day, a new computer function data line (BBBBBB JJJ JOEY (date) CMM PART ONE) will precede each day's data. If data are requested over an extended period of time, each data reporting period will cover 12 hours (0001 - 12007 and 1200 - 2400Z).
- b. In addition to the above requirement, maintain a continuous capability to respond to review requests. Establish analysis and reporting exercises to insure analysis proficiency of personnel.
- c. Provide selected analysis periods to HQ for review to evaluate the station's analysis and reporting capability. Procedures are as follows:
 - (1) Analyze 1600 2000Z on the 15th day of each month.
- (2) Prepare a message (do not transmit) using correct format as specified in Volume I, and forward with the appropriate station log. Do not complete address elements.
- (3) It is not the intent of this program to limit the station's analysis and reporting exercises to 1 day a month. Accomplish analysis and reporting training on a continuing basis, and this program may be used to complement that training.

8. SPS Develocorder Presentations:

a. Primary:

TRACE	DATA	MAG
1	SZ18P29216	2000K
2	SZ1BP31516	2000K
3	SZ1BP33716	2000K

Supersedes CENR 55-2, Volume II, 18 May 1981.

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Distribution: X

TRACE DATA MAS 4 \$Z18P36016 2000K 5 \$Z18P06216 2000K 6 \$Z18P04516 2000K 7 \$Z18P00099 2000K 8 \$Z18P915716 2000K 9 \$Z18P30314 2000K 10 \$Z0AP02216 2000K 11 \$Z0AP02216 2000K 12 \$Z18P21124 2000K 13 \$Z1132H 500K b. Secondary: ************************************	2		CENR 55-2, Vol II 1 July 1987
5 \$Z1BP02216 2000K 6 \$Z1BP04516 2000K 7 \$Z1BP00099 2000K 8 \$Z1BP15716 2000K 9 \$Z1BP30314 2000K 10 \$Z0AP30314 2000K 11 \$Z0AP02216 2000K 12 \$Z1BP21124 2000K 13 \$Z1132H 500K b. Secondary: ************************************	TRACE	DATA	MAG
6 \$Z1BP04516 2000K 7 \$Z1BP00099 2000K 8 \$Z1BP15716 2000K 9 \$Z1BP30314 2000K 10 \$Z0AP30314 2000K 11 \$Z0AP02216 2000K 12 \$Z1BP21124 2000K 13 \$Z1132H 500K b. Secondary: TRACE DATA MAG 1 \$Z1119 500K 2 \$Z1113 500K 3 \$Z1110 500K 4 \$Z1116 500K 5 \$Z0AP30314 2000K 6 \$Z0AP30314 2000K 7 \$PARE - 8 \$Z1132M 50K 9 \$Z1132M 50K 10 \$Z1132H 50K 11 \$NH132H 50K 12 \$Z1132H 50K 9 \$Z1132H 50K 10 \$Z1132H 50K 9 \$Z1132H 50K 10 \$Z112H 50K	4	SZ18P36016	2000К
7 \$Z1BP00099 2000K 8 \$Z1BP15716 2000K 9 \$Z1BP30314 2000K 10 \$Z0AP30314 2000K 11 \$Z0AP02216 2000K 12 \$Z1BP21124 2000K 13 \$Z1132H \$500K b. Secondary: DATA MAG 1 \$Z1119 \$00K 2 \$Z1113 \$00K 3 \$Z1110 \$00K 4 \$Z1116 \$00K 5 \$Z0AP30314 \$2000K 6 \$Z0AP02216 \$2000K 7 \$PARE - 8 \$Z1132M \$50K 9 \$Z1132H \$50K 10 \$Z1132H \$00K 9 \$Z1132H \$00K 9 \$Z1132H \$00K 11 \$NI132H \$00K 9 \$Z132H \$0K 12 \$Z132H \$0K 9 \$Z132H	5	SZ1BP02216	2000K
8 \$Z1BP15716 2000K 9 \$Z1BP30314 2000K 10 \$Z0AP30314 2000K 11 \$Z0AP02216 2000K 12 \$Z1BP21124 2000K 13 \$Z1BP21124 2000K b. Secondary: TRACE DATA MAG 1 \$Z1119 500K 2 \$Z1113 500K 3 \$Z1110 500K 4 \$Z1116 500K 5 \$Z0AP30314 2000K 6 \$Z0AP02216 2000K 7 \$PARE - 8 \$Z1132M 50K 9 \$Z1132L 5K 10 \$Z1132H 500K 9 \$Z1132H 500K 11 \$N1132H \$00K 9 \$Z1132H \$00K 9 \$Z132H \$00K 9 \$Z132H \$00K 12 \$Z18P3603.5 100K	6	SZ1BP04516	2000K
9 \$ZIBP30314 2000K 10 \$ZOAP30314 2000K 11 \$ZOAP02216 2000K 12 \$ZIBP21124 2000K 13 \$ZIT32H 500K b. Secondary: TRACE DATA MAG 1 \$ZIT19 500K 2 \$ZIT13 500K 3 \$ZIT10 500K 4 \$ZIT16 500K 5 \$ZOAP30314 2000K 6 \$ZOAP02216 2000K 7 \$PARE - 8 \$ZIT132M 50K 9 \$ZIT132L 5K 10 \$ZIT132H 500K 9. LPS Develocorder Presentation: TRACE DATA MAG 1 \$ZIBP3603.5 100K 2 \$ZIBP3603.5 100K 3 \$ZIBP3603.5 100K 4 \$ZIBP2703.5 100K 5 \$ZIBP2703.5 100K 6	7	SZ1BP00099	2000К
10	8	SZ1BP15716	2000К
SZDAPO2216 2000K 12 SZ1BP21124 2000K 13 SZ1132H SOOK SZ1132H SOOK SZ1132H SOOK SZ1132H SOOK SZ1132H SOOK SZ1119 SOOK SZ1119 SOOK SZ1113 SOOK SZ1110 SOOK SZ1110 SOOK SZ1110 SOOK SZ1110 SOOK SZ1110 SOOK SZ0AP30314 2000K SZ0AP30314 2000K SZ0AP30216 2000K SZ0AP30216 2000K SZ0AP30216 SOOK SZ1132M SOK SZ1132M SOOK SZ1132H SOOK SZ1132H	9	SZ1BP30314	2000K
12 SZ18P21124 500K 13	10	SZ0AP30314	2000K
SZII32H SOOK	11	SZ0AP02216	2000K
B. Secondary: DATA MAG 1 SZ1119 500K 2 SZ1113 500K 3 SZ1110 500K 4 SZ1116 500K 5 SZ0AP30314 2000K 6 SZ0AP02216 2000K 7 SPARE - 8 SZ1132M 50K 9 SZ1132L 5K 10 SZ1132H 500K 11 SN1132H 500K 12 SE1132H 500K 9 LPS Develocorder Presentation: TRACE DATA MAG 1 LZ18P3603.5 100K 2 LZ1BP0903.5 100K 3 LZ1BP1803.5 100K 4 LZ1BP2703.5 100K 5 LZ1LCH 50K* 6 LN1CH 50K* 7 LE1ICH 50K*	12	SZ1BP21124	2000K
TRACE DATA MAG 1 \$71119 \$500K 2 \$71113 \$500K 3 \$71110 \$500K 4 \$71116 \$500K 5 \$720AP30314 2000K 6 \$720AP30216 2000K 7 \$PARE - 8 \$71132M \$50K 9 \$71132L \$K 10 \$71132H \$500K 11 \$81132H \$500K 9 \$21132H \$500K 1 \$81132H \$500K 9 \$21132H \$500K 9 \$2132H \$500K 1 \$21219363.5 \$100K 2 \$212190903.5 \$100K 3 \$21212H \$50K* 4 \$21212H \$	13	SZ1132H	500K
SZ1119 SOOK	b. Secondary:		
2 SZ1113 500K 3 SZ1110 500K 4 SZ1116 500K 5 SZ0AP30314 2000K 6 SZ0AP02216 2000K 7 SPARE - 8 SZ1132M 50K 9 SZ1132L 5K 10 SZ1132H 500K 11 SN1132H 500K 12 SE1132H 500K 9 LPS Develocorder Presentation: TRACE DATA MAG 1 LZ15P3603.5 100K 2 LZ1BP0903.5 100K 3 LZ1BP1803.5 100K 4 LZ1BP2703.5 100K 5 LZ1ICH 50K* 6 LN1CH 50K* 6 LN1CH 50K*	TRACE	DATA	MAG
3 \$Z1110 \$500K 4 \$Z1116 \$000K 5 \$Z0AP30314 \$2000K 6 \$Z0AP02216 \$2000K 7 \$PARE - 8 \$Z1132M \$50K 9 \$Z1132L \$K 10 \$Z1132H \$500K 11 \$N1132H \$500K 12 \$S1132H \$500K 9 \$LPS Develocorder Presentation: WAG 1 \$LZ18P3603.5 \$100K 2 \$LZ18P0903.5 \$100K 3 \$LZ18P1803.5 \$100K 4 \$LZ18P2703.5 \$100K 5 \$LZ1ICH \$50K* 6 \$LN1ICH \$50K* 7 \$E1ICH \$50K*	1	SZ1I19	500K
4 SZ1116 500K 5 SZ0AP30314 2000K 6 SZ0AP02216 2000K 7 SPARE - 8 SZ1132M 50K 9 SZ1132L 5K 10 SZ1132H 500K 11 SN1132H 500K 12 SE1132H 500K 9 LPS Develocorder Presentation: TRACE DATA MAG 1 LZ1BP3603.5 100K 2 LZ1BP0903.5 100K 3 LZ1BP1803.5 100K 4 LZ1BP2703.5 100K 5 LZ1ICH 50K* 6 LN1ICH 50K* 7 LE1ICH 50K*	2	SZ1113	500K
5 \$Z0AP30314 2000K 6 \$Z0AP02216 2000K 7 \$PARE - 8 \$Z1132M 50K 9 \$Z1132L 5K 10 \$Z1132H 500K 11 \$N1132H 500K 12 \$E1132H 500K 9 LPS Develocorder Presentation: TRACE DATA MAG 1 LZ18P3603.5 100K 2 LZ18P0903.5 100K 3 LZ18P1803.5 100K 4 LZ18P2703.5 100K 5 LZ1ICH 50K* 6 LN1ICH 50K* 7 LE1ICH 50K*	3	SZ1I10	500K
6 SZOAPO2216 2000K 7 SPARE - 8 SZ1132M 50K 9 SZ1132L 5K 10 SZ1132H 500K 11 SN1132H 500K 12 SE1132H 500K 9. LPS Develocorder Presentation: TRACE DATA MAG 1 LZ18P3603.5 100K 2 LZ18P0903.5 100K 3 LZ18P1803.5 100K 4 LZ1BP2703.5 100K 5 LZ1ICH 50K* 6 LN1ICH 50K* 7 LE1ICH 50K*	4	SZ1116	500K
7 SPARE - 8 SZ1132M 50K 9 SZ1132L 5K 10 SZ1132H 500K 11 SN1132H 500K 12 SE1132H 500K 9. LPS Develocorder Presentation: TRACE DATA MAG 1 LZ18P3603.5 100K 2 LZ1BP0903.5 100K 3 LZ1BP1803.5 100K 4 LZ1BP2703.5 100K 5 LZ1ICH 50K* 6 LN1ICH 50K* 7 LE1ICH 50K*	5	SZ0AP30314	2000K
8 SZ1I32M 50K 9 SZ1I32L 5K 10 SZ1I32H 500K 11 SN1I32H 500K 12 SE1I32H 500K 9. LPS Develocorder Presentation: TRACE DATA MAG 1 LZ1BP3603.5 100K 2 LZ1BP0903.5 100K 3 LZ1BP1803.5 100K 4 LZ1BP2703.5 100K 5 LZ1ICH 50K* 6 LN1ICH 50K* 7 LE1ICH 50K*	6	SZ0AP02216	2000K
9 SZ1132L 5K 10 SZ1132H 500K 11 SN1132H 500K 12 SE1132H 500K 9. LPS Develocorder Presentation: TRACE DATA MAG 1 LZ18P3603.5 100K 2 LZ18P0903.5 100K 3 LZ18P1803.5 100K 4 LZ1BP2703.5 100K 5 LZ1ICH 50K* 6 LN1ICH 50K* 7 LE1ICH 50K*	7	SPARE	-
10 SZ1132H 500K 11 SN1132H 500K 12 SE1132H 500K 9. LPS Develocorder Presentation: TRACE DATA MAG 1 LZ18P3603.5 100K 2 LZ18P0903.5 100K 3 LZ18P1803.5 100K 4 LZ18P2703.5 100K 5 LZ1BP2703.5 50K* 6 LN11CH 50K* 7 LE1ICH 50K*	8	SZ1132M	50K
11 SN1132H 500K 12 SE1132H 500K 9. LPS Develocorder Presentation: TRACE DATA MAG 1 LZ18P3603.5 100K 2 LZ18P0903.5 100K 3 LZ18P1803.5 100K 4 LZ1BP2703.5 100K 5 LZ1ICH 50K* 6 LN1ICH 50K* 7 LE1ICH 50K*	9	SZ1132L	5K
12 SE1I32H 500K 9. LPS Develocorder Presentation: TRACE DATA MAG 1 LZ18P3603.5 100K 2 LZ18P0903.5 100K 3 LZ18P1803.5 100K 4 LZ1BP2703.5 100K 5 LZ1ICH 50K* 6 LN1ICH 50K* 7 LE1ICH 50K*	10	SZ1I32H	500K
9. LPS Develocorder Presentation: TRACE DATA MAG 1 LZ18P3603.5 100K 2 LZ18P0903.5 100K 3 LZ18P1803.5 100K 4 LZ18P2703.5 100K 5 LZ1ICH 50K* 6 LN1ICH 50K* 7 LEIICH 50K*	11	SN1I32H	500K
TRACE DATA MAG 1 LZ18P3603.5 100K 2 LZ18P0903.5 100K 3 LZ18P1803.5 100K 4 LZ1BP2703.5 100K 5 LZ1ICH 50K* 6 LN1ICH 50K* 7 LE1ICH 50K*	12	SE1I32H	500K
1 LZ13P3603.5 100K 2 LZ18P0903.5 100K 3 LZ18P1803.5 100K 4 LZ1BP2703.5 100K 5 LZ1ICH 50K* 6 LN1ICH 50K* 7 LE1ICH 50K*	9. LPS Develocorder Presentation:		
2 LZ1BP0903.5 100K 3 LZ1BP1803.5 100K 4 LZ1BP2703.5 100K 5 LZ1ICH 50K* 6 LN1ICH 50K* 7 LE1ICH 50K*	TRACE	DATA	MAG
3 LZ1BP1803.5 100K 4 LZ1BP2703.5 100K 5 LZ1ICH 50K* 6 LN1ICH 50K* 7 LE1ICH 50K*	1	LZ1BP3603.5	100K
4 LZ1BP2703.5 100K 5 LZ1ICH 50K* 6 LN1ICH 50K* 7 LE1ICH 50K*	2	LZ1BP0903.5	100K
5 LZ1ICH 50K* 6 LN1ICH 50K* 7 LE1ICH 50K*	3	LZ1BP1803.5	100K
6 LN1ICH 50K* 7 LE1ICH 50K*	4	LZ1BP2703.5	100K
7 LE1ICH 50K*	5	LZ1ICH	50K*
	6	LN1ICH	50K*
8 LZ1ICL 5K*	7	LE1ICH	50K*
	8	LZ1ICL	5K*

 $[\]star$ Normally record data from LP site C on traces 5, 6, 7 and 8. Should site C fail, substitute any operable LP site.

10. STPR Designator/Channel Identifier Cross Reference.

STPR DESIGNATOR	CHANNEL ID	INPUT SENSITIVITY
SPRW01	SZ1I01	4.88*
SPRW02	SZ1102	4.88*
SPRW03	SZ1I03	4.88*
SPRW04	SZ1104	4.88*
SPRW05	SZ1105	4.88*
SPRW06	SZ1106	4.88*
SPRW07	SZ1I07	4.88*
SPRW08	SZ1I08	4.88*
SPRW09	SZ1109	4.88*
SPRW10	SZ1I10	4.88*
SPRW11	SZ1111	4.88*
SPRW12	SZ1112	4.88*
SPRW13	SZ1I13	4.88*
SPRW14	SZ1114	4.88*
SPRW15	SZ1115	4.88*
SPRW16	SZ1116	4.88*
SPRW17	SZ1117	4.88*
SPRW18	SZ1118	4.88*
SPRW19	SZ1119	4.88*
SPRW20	SZ1I32H	4.88*
SPRW21	SN1132H	4.88*
SPRW22	SE1132H	4.88*
SPRW23	SZ1132M	.488*
SPRW24	SZ1I32L	.0488*
LPSC1Z	LZIJA	5.7735
LPSC1N	LN1IA	5.7735
LPSC1E	LE1IA	5.7735
LPSC2Z	LZ1IB	5.7735
LPSC2N	LN1IB	5.7735

STPR DESIGNATOR	CHANNEL ID	INPUT SENSITIVITY
LPSC2E	LEIIB	5.7735
LPSC3Z	LZ1IC	5.7735
LPSC3N	LN1IC	5.7735
LPSC3E	LEIIC	5.7735
LPSC4Z	LZ1ID	5.7735
LPSC4N	LNIID	5.7735
LPSC4E	LE1ID	5.7735
LPSC5Z	LZ1IE	5.7735
LPSC5N	LNIIE	5.7735
LPSC5E	LEITE	5.7735
SPZ000	SZ1BP00099	N/A
SPQ360	SZ1BP36016	N/A
SPQ022	SZ1BP02216	N/A
SPQ045	SZ1BP04516	N/A
SPQ157	SZ1BP15716	N/A
SPQ292	SZ1BP29216	N/A
SPQ315	SZ1BP31516	N/A
SPQ337	SZ1BP33716	N/A
SPQ02A	SZ0AP02216	N/A
SPN30A	SZ0AP30314	N/A
SPN303	SZ1BP30314	N/A
SPY211	SZ1BP21124	N/A
LPH36Z	LZ1BP3603.5	N/A
LPH09Z	LZ1BP0903.5	N/A
LPH18Z	LZ1BP1803.5	N/A
LPH27Z	LZ1BP2703.5	N/A

 $[\]star$ Volts peak-to-peak for 100 millimicron equivalent DF measured at the output of the SCC.

11. Channels to be transmitted to the GSOC:

CHANNEL ID	÷	STPR DESIGNATOR
SZ1132H		SPRW20
SN1132H		SPRW21
SE1132H		SPRW22
SZ1132M		SPRW23

⁺ Input sensitivities for the triaxial sensors are measured at the output of the SCC.

CHANNEL ID	STPR DESIGNATOR
SZ1132L	SPRW24
SZ1BP00099	SPZ000
SZ1BP36016	SPQ360
SZ1BP02216	SPQ022
SZ1BP04516	SPQ045
SZ1BP15716	SPQ157
SZ1BP29216	SPQ292
SZ1BP21124	SPY211
SZ1BP31516	SPQ315
SZ1BP33716	SPQ337
SZ1109	SPRW09
SZ1111	SPRW11
SZ1114	SPRW14
SZ1117	SPRW17
LZ1BP3603.5	LPH36Z
LZ18P0903.5	LPH09Z
LZ1BP1803.5	LPH18Z
LZ1BP2703.5	LPH27Z
LZIIC	LPSC3Z
LN1IC	LPSC3N
LEIIC	LPSC3E
LZ1IA	LPSC1Z
LN1IA	LPSC1N
LEIIA	LPSC1E
LZ1IB	LPSC2Z
LN1IB	LPSC2N
LEIIB	LPSC2E
LZIID	LPSC4Z
LZ1IE	LPSC5Z

12. STPR Frequency Response Voltages and Normalizing Factors:

a. Short Period:

FREQ	STPR VOLTAGE	NORMALIZING FACTOR
1.0	1.708	1
0.5	1.708	1
0.8	1.708	1

FREQ	STPR VOLTAGE	NORMALIZING FACTOR
1.5	1.708	1
2.0	1.708	1
2.5	1.708	1
3.0	1.708	1
4.0	1.708	1

b. Long Period:

FREQ	STPR VOLTAGE	NORMALIZING FACTOR
.0400	1.053	1
.1000	5.265	.2
.0667	1.053	1
.0500	1.053	1
.0333	1.053	1
.0250	1.053	1
.0200	1.053	1

* Reference Frequency

NOTE: To normalize the Frequency Response, divide the return voltage of each frequency by the return voltage at the reference frequency, then multiply by the normalizing factor. The results can then be compared to the table in paragraph 13 to determine if they are within tolerances.

13. Frequency Response Parameters for YRIAX W/30237 Telemetry Amplifiers.

Frequency (Hz)	.0200	.0250	.0333	.0400	.0500	.0667	.1000
Period (Sec)	50	40	30	25	20	15	10
Minimum	1.977	1.762	1.300	1.000	.4849	.1318	.0144
Nomina1	2.471	2.073	1.444	1.000	.5388	.1648	.0192
Maximum	2.965	2.384	1.588	1.000	.5927	.1978	.0240

14. Ground Motion Table.

TRIAXIAL 30237 TEL	
Period (Sec)	GtT
10 11 12 13 14 15	.8354 .4854 .3269 .2385 .1831 .1457

TRIAXIAL 30237 TEL	
Period (Sec)	1 GtT
Period (Sec) 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45	.1169 .0962 .0807 .0688 .0594 .0545 .0502 .0464 .0430 .0400 .0384 .0370 .0356 .0344 .0332 .0328 .0328 .0321 .0318 .0315 .0315 .0310 .0309 .0309 .0309 .0309 .0309
46 47 48 49 50	.0313 .0315 .0317 .0320 .0324

15. STPR CPU Configuration Parameters:

a. CPU1: CONFIGURATION IDENTIFICATION = Cxxxx-1HS OPERATE1 IDENTIFICATION = OPERATE1 SITE IDENTIFICATION = 079 LP DATA AND INSTRUMENT TYPE (A,31,36) = ANUMBER OF SHORT PERIOD ARRAY CHANNELS = 19 NUMBER OF SHORT PERIOD OTHER CHANNELS = 5 NUMBER OF LONG PERIOD ARRAY CHANNELS = 15 NUMBER OF LONG PERIOD OTHER CHANNELS = 0 NUMBER OF SHORT PERIOD PROCESSES = 12 NUMBER OF LONG PERIOD PROCESSES = 4 SHORT PERIOD FREQUENCY FILTER LENGTH = 99 LONG PERIOD FREQUENCY FILTER LENGTH = 99 AMOUNT OF SHORT PERIOD TIME DELAY REQUIRED = 0
AMOUNT OF LONG PERIOD TIME DELAY REQUIRED = 0 SP COORDINATES:

0,3.844,-5.502

1,0.0,0.0

2,2.531,1.993

3,3.147,-1.565 4,0.366,-3.091 5,-1.996,-1.859

6,-2.714,1.402

7,-0.240,3.050 8,2.314,5.211

```
9,5.151,4.057
10,5.744,0.745
11,6.132,-2.807
12,3.646,-4.351
13,0.899,-6.438
14,-1.913,-5.061
15,-4.869,-3.704
16, -5.235, -0.399
17,-5.896,2.605
18,-3.202,4.087
19,-0.892,6.271
LP COORDINATES:
0,3.844,-5.502
1,0.082,9.607,T
2,15.324,10.269,T
3,3.843,-5.519,T
4,-14.816,7.298,T
5,-2.117,23.664,T
SP FREQUENCY FILTER PARAMETERS:
50
0.0001,-.0001,-.0005,-.0011,-.0016,-.0020,-.0020,-.0017,0.0014,-.0012
-.0011, -.0013, -.0014, -.0011, -.0004, 0.0007, 0.0019, 0.0027, 0.0030, 0.0029
0.0027,0.0028,0.0034,0.0043,0.0050,0.0049,0.0038,0.0017,-.0007,-.0027
-.0037, -.0041, -.0045, -.0065, -.0103, -.0162, -.0221, -.0266, -.0273, -.0254
-.0224, -.0237, -.0315, -.0481, -.0653, -.0731, -.0456, 0.0324, 0.2035, 0.3910
0.2035, 0.0324, -, 0456, -.0731, -.0653, -.0481, -.0315, -.0237, -.0224, -.0254
-.0273, -.0266, -.0221, -.0162, -.0103, -.0065, -.0045, -.0041, -.0037, -.0027
-.0007,0.0017,0.0038,0.0049,0.0050,0.0043,0.0034,0.0028,0.0027,0.0029
0.0030,0.0027,0.0019,0.0007,-.0004,-.0011,-.0014,-.0013,-.0011,-.0012
-.0014,-.0017,-.0020,-.0020,-.0016,-.0011,-.0005,-.0001,-.0001
LP FREQUENCY FILTER PARAMETERS:
50
0.0020,0.0023,0.0026,0.0028,0.0028,0.0025,0.0020,0.0016,0.0013,0.0011
0.0012,0.0013,0.0012,0.0007,-.0001,-.0012,-.0023,-.0032,-.0037,-.0040
-.0040,-.0043,-.0051,-.0066,-.0084,-.0104,-.0119,-.0127,-.0126,-.0122
-.0120,-.0128,-.0148,-.0180,-.0213,-.0237,-.0239,-.0218,-.0179,-.0148
-.0143,-.0197,-.0299,-.0435,-.0515,-.0456,-.0078,0.0697,0.2150,0.3650
0.2150,0.0697,-,0078,-.0456,-.0515,-.0435,-.0299,-.0197,-.0143,-.0148
-.0179, -.0218, -.0239, -.0237, -.0213, -.0180, -.0148, -.0128, -.0120, -.0122
-.0126,-.0127,-.0119,-.0104,-.0084,-.0066,-.0051,-.0043,-.0040,-.0040
-.0037,-.0032,-.0023,-.0012,-.0001,0.0007,0.0012,0.0013,0.0012,0.0011
0.0013,0.0016,0.0020,0.0025,0.0028,0.0028,0.0026,0.0023,0.0020
SP BEAM PARAMETERS:
SPQ02A,0,22,16,A,31,0.08,1
SPN30A,0,303,14,A,31,0.08,1
SPZ000,0,0,0,B
SPQ360,0,0,16,8
SPQ022,0,22,16,B
SPQ045,0,45,16,B
SPQ157,0,157,16,B
SPY211,0,211,24,B
SPQ292,0,292,16,B
SPN303,0,303,14,B
SPQ315,0,315,16,B
SPQ337,0,337,16,B
LP BEAM PARAMETERS:
LPH36,1,0,3.5,B
LPH09,1,90,3.5,B
LPH18,1,180,3.5,B
LPH27,1,270,3.5,B
SPQ02A CONSTRAINTS:
0,0,0,0,0,0,0,0,0
0,0,0,0,0,1,0,0,0,0
0,0,0,0,0,0,0,0,0
```

0.050,1.0528

b.

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SPN30A CONSTRAINTS:
 15
 0,0,0,0,0,0,0,0,0,0
 0,0,0,0,0,1,0,0,0,0
 0,0,0,0,0,0,0,0,0,0
 SP PROCESSING DELAY = 100
 LP PROCESSING DELAY = 58
 SECONDS PER RECORD = 3
CPU2:
CONFIGURATION IDENTIFICATION = Cxxxx-2HS
 OPERATE2 IDENTIFICATION = OPERATE2
 SITE IDENTIFICATION = 079
LP DATA AND INSTRUMENT TYPE (A,31,36) = A
NUMBER OF SHORT PERIOD ARRAY CHANNELS = 19
NUMBER OF SHORT PERIOD OTHER CHANNELS = 5
NUMBER OF LONG PERIOD ARRAY CHANNELS = 15
NUMBER OF LONG PERIOD OTHER CHANNELS = 0
NUMBER OF SHORT PERIOD PROCESSES = 12
NUMBER OF LONG PERIOD PROCESSES = 4
NO SP CHANNELS TO BE TRANSMITTED VIA HSM = 18
NO LP CHANNELS TO BE TRANSMITTED VIA HSM = 15
NUMBER OF CONTACT SENSOR MONITORS = 1
NUMBER OF A/D CHANNEL CHANNEL MONITORS = 1
AMOUNT OF SP EDIT TIME DELAY REQUIRED = O
AMOUNT OF LP EDIT TIME DELAY REQUIRED = O
SP COORDINATES:
0,3.844,-5.502
1,0.0,0.0
2,2.531,1.993
3,3.147,-1.565
4,0.366,-3.091
5,-1.996,-1.859
6,-2.714,1.402
7,-0.240,3.050
8,2.314,5.211
9,5.151,4.057
10,5.744,0.745
11,6.132,-2.807
12,3.646,-4.351
13,0.899,-6.438
14,-1.913,-5.061
15, -4.869, -3.704
16,-5.235,-0.399
17,-5.896,2.605
18, -3.202, 4.087
19,-0.892,6.271
LP COORDINATES:
0,3.844,-5.502
1,0.082,9.607,T
2,15.324,10.269,T
3,3.843,-5.519,T
4,-14.816,7.298,T
5,-2.117,23.664,T
SP CALIBRATION DEFAULT PARAMETERS:
0.833,1.0,25,1,133000,0.9,1.1,2.931,8
1.0,1.708
0.5,1.708
0.8,1.708
1.5,1.708
2.0,1.708
2.5, 1.708
3.0,1.708
4.0,1.708
LP CALIBRATION DEFAULT PARAMETERS:
1.2156,0.04,10,1,140000,0.9,1.1,2.375,7,3
0.040,0.528
0.100,5.264
0.067,1.0528
```

```
0.033,1.0528
0.025,1.0528
0.020,1.0528
SP CHANNEL CONFIGURATION FOR CALIBRATION SYSTEM:
1,1
2,1
9,1
1,2
1,3
1,4
2,3
2,4
9,2
9,3
9,4
9,5
1,5
1,7
1,8
2,6
9,6
9,7
9,8
9,6
9,6
LP CHANNEL CONFIGURATION FOR CALIBRATION SYSTEM:
5,1
5,1
5,1
5,2
5,2
5,2
9,1
9,1
9,1
2,1
2,1
2,1
5,3
5,3
5,3
SP BEAM PARAMETERS:
SPQ02A,0,22,16,A,31,0.08,1
SPN30A,0,303,14,A,31,0.08,1
SPZ000,0,0,0,B
SPQ360,0,0,16,B
SPQ022,0,22,16,B
SPQ045,0,45,16,B
SPQ157,0,157,16,B
SPY211,0,211,24,B
SPQ292,0,292,16,B
SPN303,0,303,14,B
SP0315,0,315,16,B
SP0337,0,337,16,B
LP BEAM PARAMETERS:
LPH36,1,0,3.5,B
LPH09,1,90,3.5,B
LPH18,1,180,3.5,B
LPH27,1,270,3.5,B
HIGH SPEED MODEM CONFIGURATION:
SPRW20, SPRW21, SPRW22, SPRW23, SPRW24, SPZ000, SPQ360, SPQ022, SPQ045, SPQ157
SPQ292, SPY211, SPQ315, SPQ337, SPRW09, SPRW11, SPRW14, SPRW17, LPH36Z, LPH09Z
LPH18Z, LPH27Z, LPSC3Z, LPSC3N, LPSC3E, LPSC1Z, LPSC1N, LPSC1E, LPSC2Z, LPSC2N
LPSC2E, LPSC4Z, LPSC4Z, LPSC5Z
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RELAY INDENTIFIERS AND NORMAL STATUS FOR EACH CONTACT SENSOR MONITOR: CNTAC1.1
IDENTIFIERS AND LIMITS FOR EACH A/D CHANNEL MONITOR:
LNPOWR, 5.4, 6.6
SECONDS PER RECORD = 1

OFFICIAL

SUMMARY OF CHANGES

Incorporated IMC 86-1 and 87-1. Added purpose statement. Added limited distribution statement. Deleted references to specific paragraphs in Vol I. Added TRIAX frequency response parameters and ground motion table. Added configuration parameters for CPU 1 and CPU 2.